

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

To:

ROLAND, André
Avenue Tissot 15
CH-1001 Lausanne
Switzerland

Date of mailing (day/month/year)

07 September 2005 (07.09.2005)

Applicant's or agent's file reference

278-1.B.WO

IMPORTANT NOTIFICATION

International application No.

PCT/CH2004/000466

International filing date (day/month/year)

23 July 2004 (23.07.2004)

1. The following indications appeared on record concerning:

☒ the applicant ☒ the inventor ☐ the agent ☐ the common representative

Name and Address

ECHEVERRI, Santiago
Ch. de Mont-Paisible 18
CH-1011 Lausanne
Switzerland

State of Nationality

CO

State of Residence

CH

Telephone No.

+41.78.808.95.55

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

Name and Address

ECHEVERRI, Santiago
Avenue de Milan 14
CH-1007 Lausanne
Switzerland

State of Nationality

CO

State of Residence

CH

Telephone No.

+41.78.808.95.55

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned
☐ the International Searching Authority ☒ the elected Offices concerned
☒ the International Preliminary Examining Authority ☐ other:The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

S. GROBET

Facsimile No. (41-22) 338.70.80

Telephone No. (41-22) 338 8018

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To:

ROLAND, André
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SwitzerlandDate of mailing (day/month/year)
29 July 2005 (29.07.2005)Applicant's or agent's file reference
278-1.B.WOInternational application No.
PCT/CH2004/000466

IMPORTANT NOTIFICATION

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23 July 2004 (23.07.2004)

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CH-1011 Lausanne
Switzerland

State of Nationality

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State of Residence

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Telephone No.

+41.78.808.95.55

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2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

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Name and Address

ECHEVERRI, Santiago
Ch. de Mont-Paisible 18
CH-1011 Lausanne
Switzerland

State of Nationality

CO

State of Residence

CH

Telephone No.

+41.78.808.95.55

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

The person identified in boxes I and II is now recorded as applicant for the United States of America only and inventor for all designated States.

4. A copy of this notification has been sent to:

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☐ the International Searching Authority ☒ the elected Offices concerned
☒ the International Preliminary Examining Authority ☐ other:The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 338.70.80

Authorized officer

Brigitte WYSS

Telephone No. (41-22) 338 8366

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☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative

Name and Address

State of Nationality

State of Residence

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒ the person ☐ the name ☐ the address ☐ the nationality ☐ the residence

Name and Address

SAN-TECH SURGICAL SARL
Avenue de Milan, 14
CH-1007 Lausanne
Switzerland

State of Nationality

CH

State of Residence

CH

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

The person identified in box II should be added to the record as applicant for all designated States except the United States of America.

4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned
☐ the International Searching Authority ☒ the elected Offices concerned
☒ the International Preliminary Examining Authority ☐ other:The International Bureau of WIPO
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IAP15 Rec'd PCT/PTO 19 JAN 2006

Claims

- 5 1. Guide (2) for surgical instrument (4,37) such as an acetabular prosthetic cup instrument, said guide (2) comprising a shaft (8), instrument fixing means (11) for fixing said guide (2) to a surgical instrument (4,37) and a frame (35) situated between said shaft (8) and said instrument fixing means (11), characterized by the fact that it furthermore comprises pointing means (12,38) situated at the shaft (8) distal end and orientation means (6), distinct from the shaft (8), which are adapted to define a reference plane.
- 10 2. Guide (2) according to claim 1 wherein said pointing means comprise a pair of parallel shafts (12) which are oriented at an angle with respect to the shaft (8) direction.
- 15 3. Guide (2) according to claim 1 wherein said pointing means comprise a laser beam (38).
- 20 4. Guide according to anyone of claims 1 to 3 wherein said orientation means (6) are adjustable.
- 25 5. Guide according to claim 4 wherein said orientation means (6) comprise two bubble levels (9,10).
- 30 6. Guide according to claim 5 wherein the first bubble level (9) is adapted for orientating an instrument (4,37) fixed to said guide (2) with respect to a right hip and wherein the second bubble level (10) is adapted for orientating said instrument (4,37) with respect to a left hip.
- 35 7. Guide according to anyone of claims 1 to 6 wherein said instrument fixing means (11) are adapted to allow a quick fixation or release of the guide (2) to/from the instrument (4,37).
8. Combination of a guide (2) according to anyone of the previous claims together with an acetabular prosthetic cup instrument (4,37) comprising a shaft and with a

handle at its proximal end and with a distal end adapted for receiving either a reamer or a cup positioner.

5 9. Combination of a guide (2) according to anyone of the previous claims 1 to 7 together with a pelvic positioner (17), said pelvic positioner (17) comprising two arms (20) with respective feelers (22) and orientation means (19).

10 10. Combination of a guide (2) according to anyone of the previous claims 1 to 7 together with a pelvic orientation witness (3), said pelvic orientation witness comprising pelvic fixing means (15) for fixing said pelvic orientation witness (3) to the pelvis (13) and orientation means (16).

15 11. Combination of a guide (2) according to anyone of the previous claims 1 to 7 together with an angle measuring device for measuring the angle between ASIS (Anterio Superior Iliac Spine) and HJC (Hip Joint Center).

20 12. Calibrating apparatus (23) for calibrating a guide (2) and an instrument (4) as defined in anyone of previous claims 1 to 8, said calibrating apparatus (23) comprising angle reproducing means for reproducing the angle between ASIS and HJC.